

FIG. 1

1a,1b

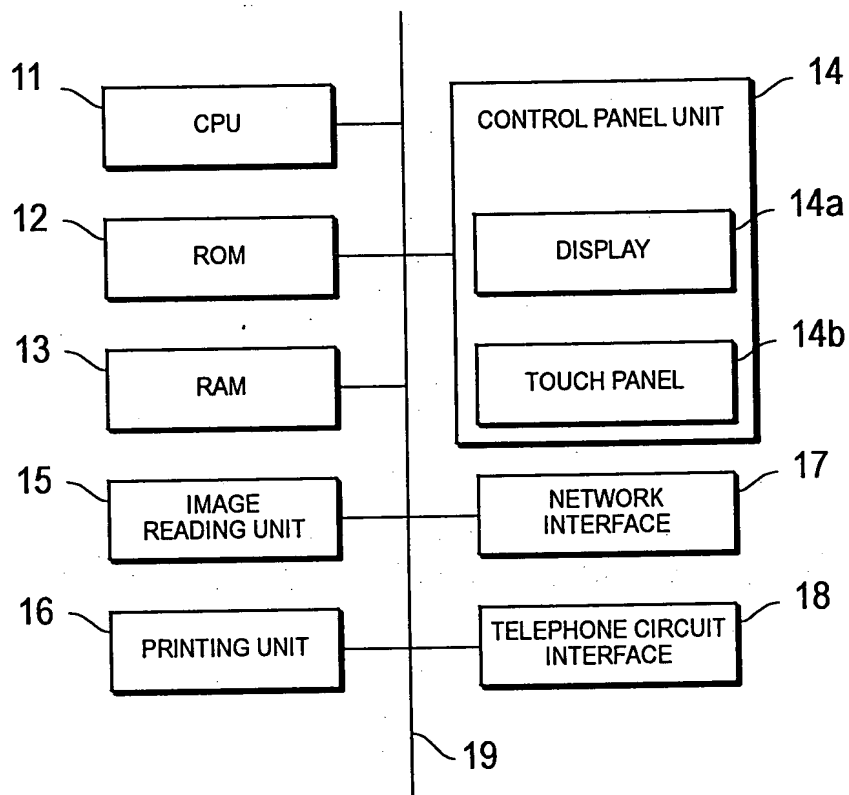


FIG. 2

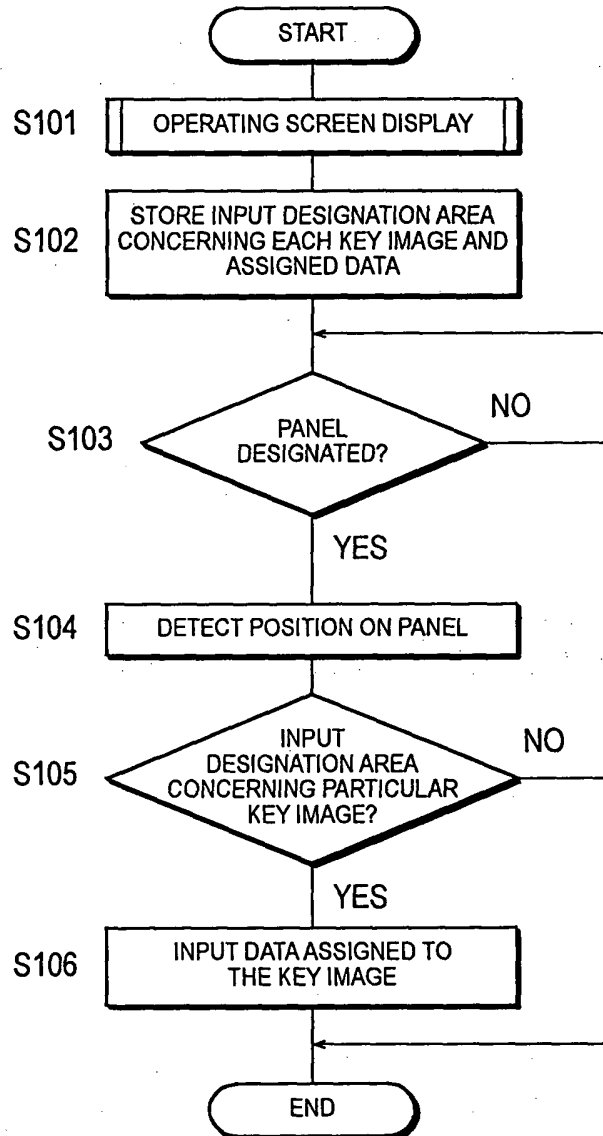


FIG. 3

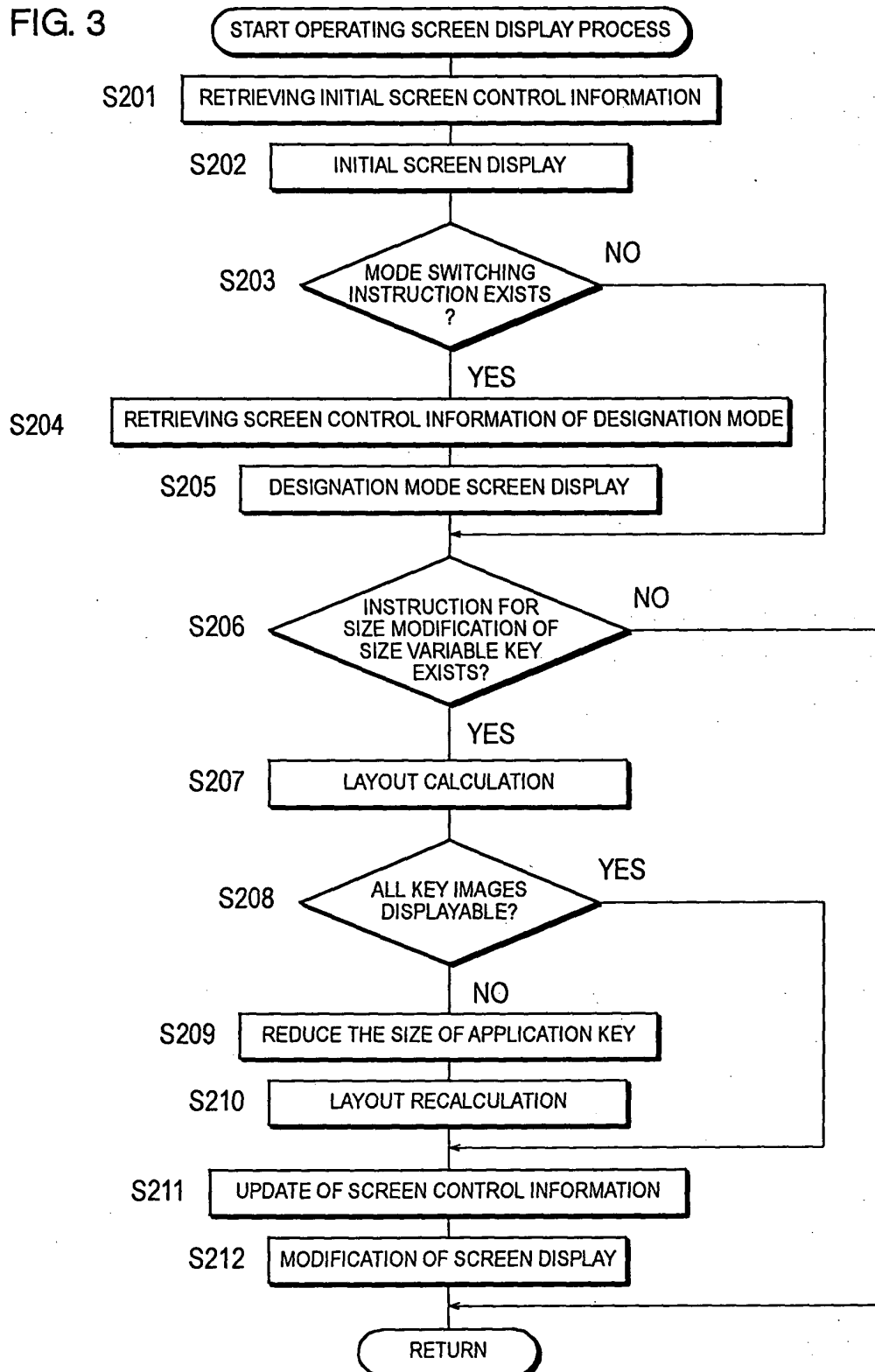
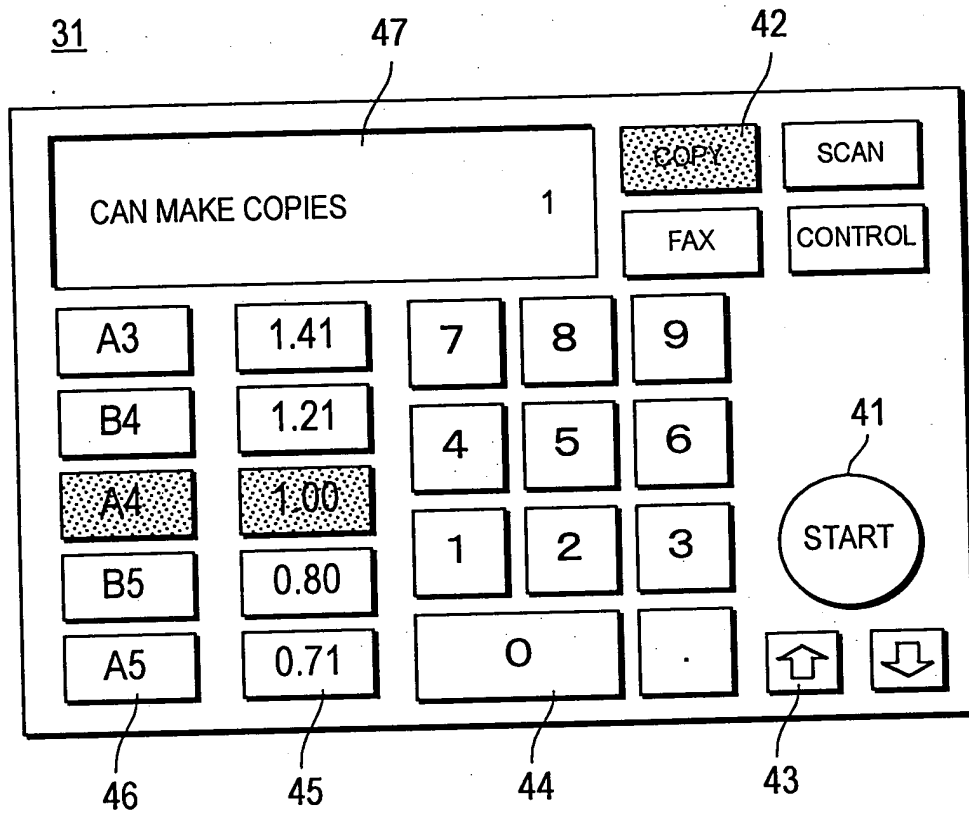


FIG. 4 21

SCREEN MODE: COPY MODE						
KEY IMAGE GROUP	KEY IMAGE CLASSIFICATION	CONSTITUTIONAL KEY IMAGE	KEY IMAGE DATA	SIZE	STATUS	ATTRIBUTE
START KEY	SIZE VARIABLE KEY	START	A ₁	100%	POSITION (X _{np} , Y _{np}) (X _{np1} , Y _{np1})	VARIABLE SIZE, VARIABLE POSITION
MODE SWITCHING KEY	BASIC KEY	COPY	D ₁	100%	(X _{np1} , Y _{np1}) (X _{np2} , Y _{np2})	FIXED SIZE, FIXED POSITION
		FAX	D ₂		(X _{np2} , Y _{np2}) (X _{np3} , Y _{np3})	
		SCAN	D ₃		(X _{np3} , Y _{np3}) (X _{np4} , Y _{np4})	
		CONTROL	D ₄		(X _{np4} , Y _{np4}) (X _{np5} , Y _{np5})	
SIZE MODIFYING KEY	BASIC KEY	↑	C ₁	100%	(X _{nc1} , Y _{nc1}) (X _{nc2} , Y _{nc2})	FIXED SIZE, VARIABLE POSITION
		↓	C ₂		(X _{nc2} , Y _{nc2}) (X _{nc3} , Y _{nc3})	
TEN KEY	BASIC KEY	1	B ₁	100%	(X _{nb1} , Y _{nb1}) (X _{nb2} , Y _{nb2})	FIXED SIZE, VARIABLE POSITION
		:	:		:	
		0	B ₁₀		(X _{nb10} , Y _{nb10}) (X _{nb11} , Y _{nb11})	
		.	B ₁₁		(X _{nb11} , Y _{nb11}) (X _{nb12} , Y _{nb12})	
MAGNIFICATION KEY	APPLICATION KEY	1.41	F ₁	100%	(X _{nf1} , Y _{nf1}) (X _{nf2} , Y _{nf2})	REDUCIBLE SIZE, VARIABLE POSITION
		1.21	F ₂		(X _{nf2} , Y _{nf2}) (X _{nf3} , Y _{nf3})	
		1.00	F ₃		(X _{nf3} , Y _{nf3}) (X _{nf4} , Y _{nf4})	
		0.80	F ₄		(X _{nf4} , Y _{nf4}) (X _{nf5} , Y _{nf5})	
		0.71	F ₅		(X _{nf5} , Y _{nf5}) (X _{nf6} , Y _{nf6})	
PAPER SIZE KEY	APPLICATION KEY	A3	E ₁	100%	(X _{ne1} , Y _{ne1}) (X _{ne2} , Y _{ne2})	REDUCIBLE SIZE, VARIABLE POSITION
		B4	E ₂		(X _{ne2} , Y _{ne2}) (X _{ne3} , Y _{ne3})	
		A4	E ₃		(X _{ne3} , Y _{ne3}) (X _{ne4} , Y _{ne4})	
		B5	E ₄		(X _{ne4} , Y _{ne4}) (X _{ne5} , Y _{ne5})	
		A5	E ₅		(X _{ne5} , Y _{ne5}) (X _{ne6} , Y _{ne6})	
MESSAGE DISPLAY AREA	—	—	G ₁	100%	(X _{ng1} , Y _{ng1}) (X _{ng2} , Y _{ng2})	FIXED SIZE, FIXED POSITION

FIG. 5



TITLE: DATA INPUT DEVICE, IMAGE PROCESSING
DEVICE, DATA INPUT METHOD AND COMPUTER
READABLE RECORDING MEDIUM ON WHICH DATA . . .

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ATTORNEY'S DOCKET No: 011350-315

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FIG. 6

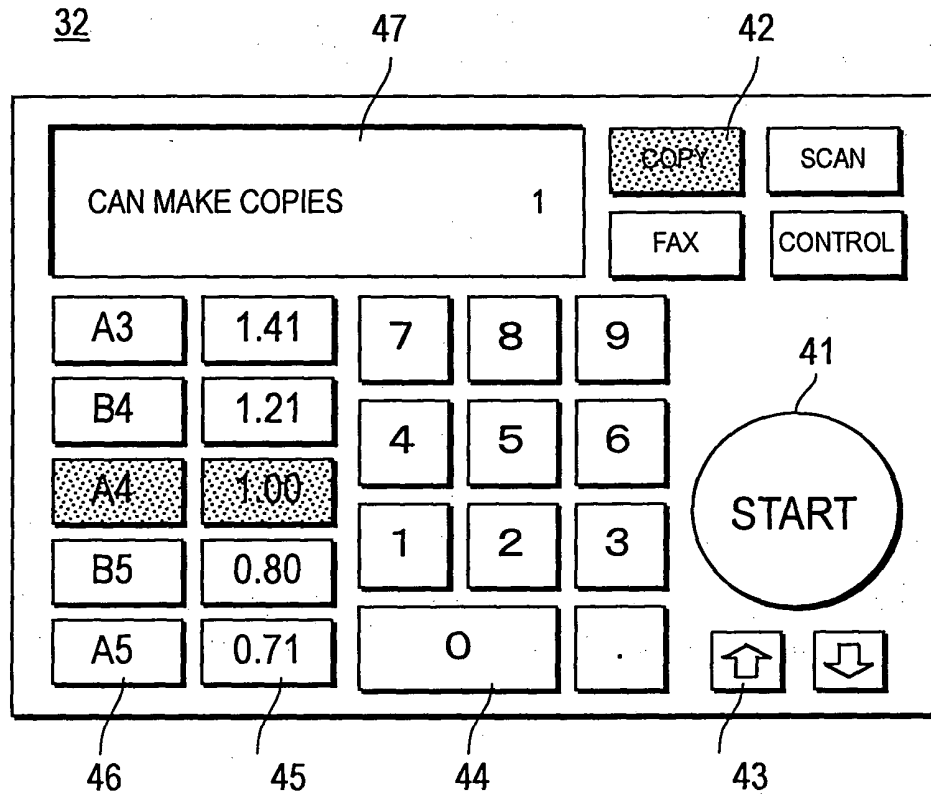


FIG. 7 22

SCREEN MODE: COPY MODE						
KEY IMAGE GROUP	KEY IMAGE CLASSIFICATION	CONSTITUTIONAL KEY IMAGE	KEY IMAGE DATA	SIZE	STATUS	ATTRIBUTE
START KEY	SIZE VARIABLE KEY	START	A ₁	200%	POSITION (X_m, Y_m) (X_p, Y_p) (X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	VARIABLE SIZE, VARIABLE POSITION
		COPY	D ₁		(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	
		FAX	D ₂	100%	(X_{m2}, Y_{m2}) (X_{p2}, Y_{p2})	FIXED SIZE, FIXED POSITION
		SCAN	D ₃		(X_{m3}, Y_{m3}) (X_{p3}, Y_{p3})	
		CONTROL	D ₄		(X_{m4}, Y_{m4}) (X_{p4}, Y_{p4})	
SIZE MODIFICATION KEY	BASIC KEY	↑	C ₁	100%	(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	FIXED SIZE, VARIABLE POSITION
		↓	C ₂		(X_{m2}, Y_{m2}) (X_{p2}, Y_{p2})	
TEN KEY	BASIC KEY	1	B ₁		(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	
		:	:	100%	:	FIXED SIZE, VARIABLE POSITION
		0	B ₁₀		(X_{m10}, Y_{m10}) (X_{p10}, Y_{p10})	
		.	B ₁₁		(X_{m11}, Y_{m11}) (X_{p11}, Y_{p11})	
		1.41	F ₁		(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	
MAGNIFICATION KEY	APPLICATION KEY	1.21	F ₂		(X_{m2}, Y_{m2}) (X_{p2}, Y_{p2})	SIZE REDUCIBLE, VARIABLE POSITION
		1.00	F ₃	50%	(X_{m3}, Y_{m3}) (X_{p3}, Y_{p3})	
		0.80	F ₄		(X_{m4}, Y_{m4}) (X_{p4}, Y_{p4})	
		0.71	F ₅		(X_{m5}, Y_{m5}) (X_{p5}, Y_{p5})	
		A3	E ₁		(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	
PAPER SIZE KEY	APPLICATION KEY	B4	E ₂		(X_{m2}, Y_{m2}) (X_{p2}, Y_{p2})	SIZE REDUCIBLE, VARIABLE POSITION
		A4	E ₃	50%	(X_{m3}, Y_{m3}) (X_{p3}, Y_{p3})	
		B5	E ₄		(X_{m4}, Y_{m4}) (X_{p4}, Y_{p4})	
		A5	E ₅		(X_{m5}, Y_{m5}) (X_{p5}, Y_{p5})	
MESSAGE DISPLAY AREA	—	—	G ₁	100%	(X_{m1}, Y_{m1}) (X_{p1}, Y_{p1})	FIXED SIZE, FIXED POSITION

FIG. 8

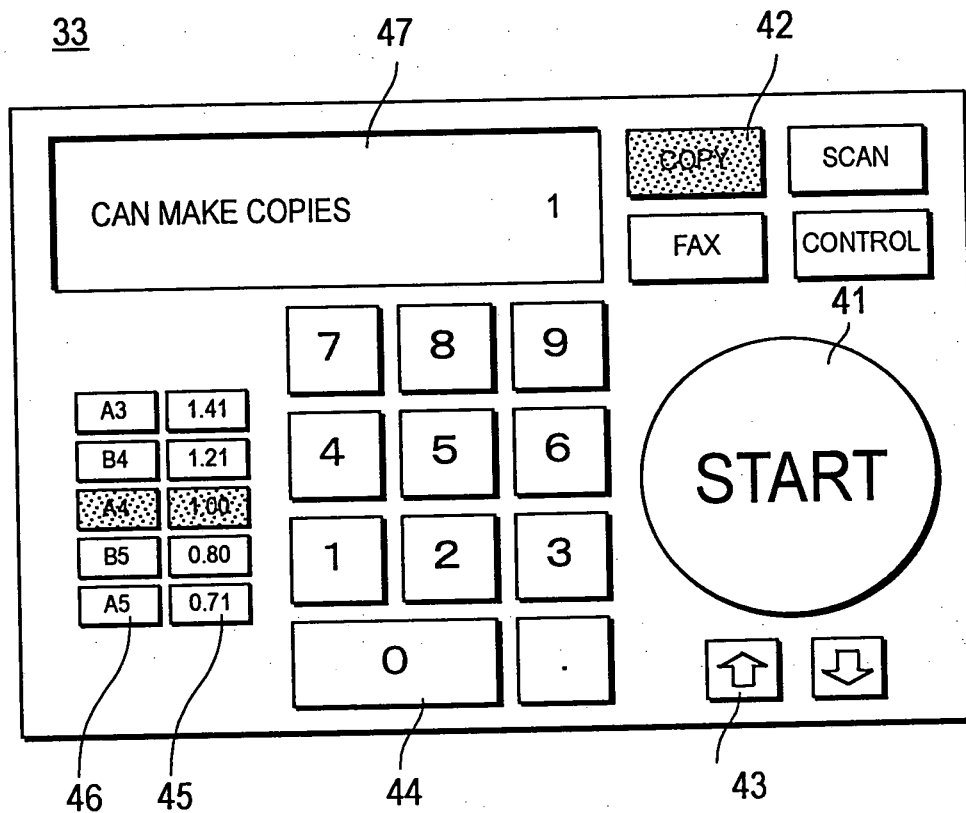


FIG. 9

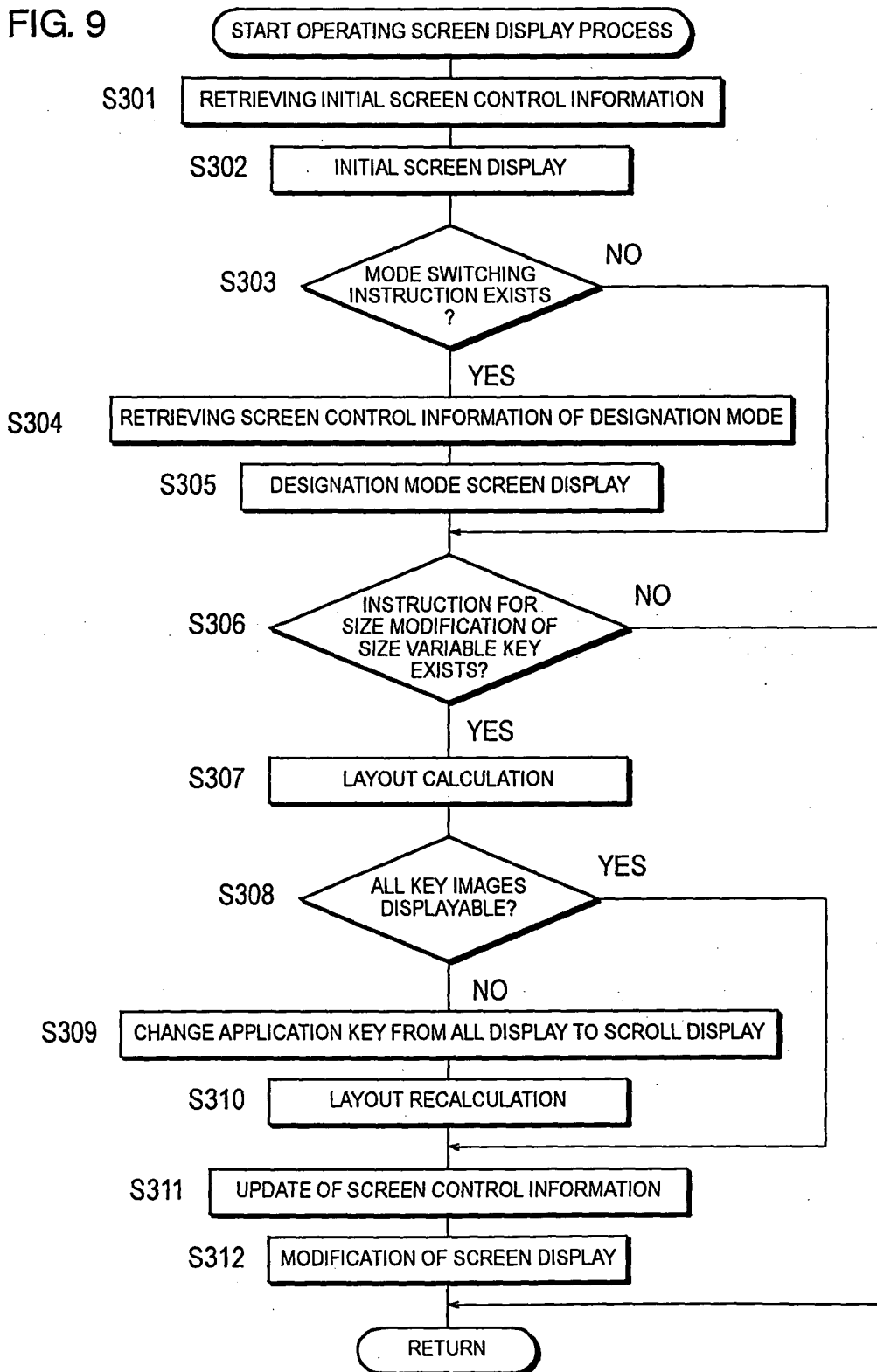


FIG. 10 23

SCREEN MODE: COPY MODE						
KEY IMAGE GROUP	KEY IMAGE CLASSIFICATION	CONSTITUTIONAL KEY IMAGE	KEY IMAGE DATA	SIZE	STATUS	ATTRIBUTE
START KEY	VARIABLE SIZE KEY	START	A ₁	100%	POSITION (X _{m1} , Y _{m1}) (X _{n1} , Y _{n1}) (X _{mA1} , Y _{mA1}) (X _{nA1} , Y _{nA1})	VARIABLE SIZE, VARIABLE POSITION
MODE SWITCHING KEY	BASIC KEY	COPY	D ₁	100%	(X _{mD1} , Y _{mD1}) (X _{nD1} , Y _{nD1})	FIXED SIZE, FIXED POSITION
		FAX	D ₂		(X _{mD2} , Y _{mD2}) (X _{nD2} , Y _{nD2})	
		SCAN	D ₃		(X _{mD3} , Y _{mD3}) (X _{nD3} , Y _{nD3})	
		CONTROL	D ₄		(X _{mD4} , Y _{mD4}) (X _{nD4} , Y _{nD4})	
SIZE MODIFICATION KEY	BASIC KEY	↑	C ₁	100%	(X _{mC1} , Y _{mC1}) (X _{nC1} , Y _{nC1})	FIXED SIZE, VARIABLE POSITION
		↓	C ₂		(X _{mC2} , Y _{mC2}) (X _{nC2} , Y _{nC2})	
TEN KEY	BASIC KEY	1	B ₁	100%	(X _{mB1} , Y _{mB1}) (X _{nB1} , Y _{nB1})	FIXED SIZE, VARIABLE POSITION
		:	:		:	
		0	B ₁₀		(X _{mB10} , Y _{mB10}) (X _{nB10} , Y _{nB10})	
		.	B ₁₁		(X _{mB11} , Y _{mB11}) (X _{nB11} , Y _{nB11})	
MAGNIFICATION KEY	APPLICATION KEY	1.41	F ₁	100%	(X _{mF1} , Y _{mF1}) (X _{nF1} , Y _{nF1})	FIXED SIZE, VARIABLE POSITION
		1.21	F ₂		(X _{mF2} , Y _{mF2}) (X _{nF2} , Y _{nF2})	
		1.00	F ₃		(X _{mF3} , Y _{mF3}) (X _{nF3} , Y _{nF3})	
		0.80	F ₄		(X _{mF4} , Y _{mF4}) (X _{nF4} , Y _{nF4})	
		0.71	F ₅		(X _{mF5} , Y _{mF5}) (X _{nF5} , Y _{nF5})	
		1.41 - 0.71 SCROLL	F ₈	NO DISPLAY	NO DISPLAY	
PAPER SIZE KEY	APPLICATION KEY	A3	E ₁	100%	(X _{mE1} , Y _{mE1}) (X _{nE1} , Y _{nE1})	FIXED SIZE, VARIABLE POSITION
		B4	E ₂		(X _{mE2} , Y _{mE2}) (X _{nE2} , Y _{nE2})	
		A4	E ₃		(X _{mE3} , Y _{mE3}) (X _{nE3} , Y _{nE3})	
		B5	E ₄		(X _{mE4} , Y _{mE4}) (X _{nE4} , Y _{nE4})	
		A5	E ₅		(X _{mE5} , Y _{mE5}) (X _{nE5} , Y _{nE5})	
		A2 - A5 SCROLL	E ₈	NO DISPLAY	NO DISPLAY	
MESSAGE DISPLAY AREA	—	—	G ₁	100%	(X _{mG1} , Y _{mG1}) (X _{nG1} , Y _{nG1})	FIXED SIZE, FIXED POSITION

FIG. 11

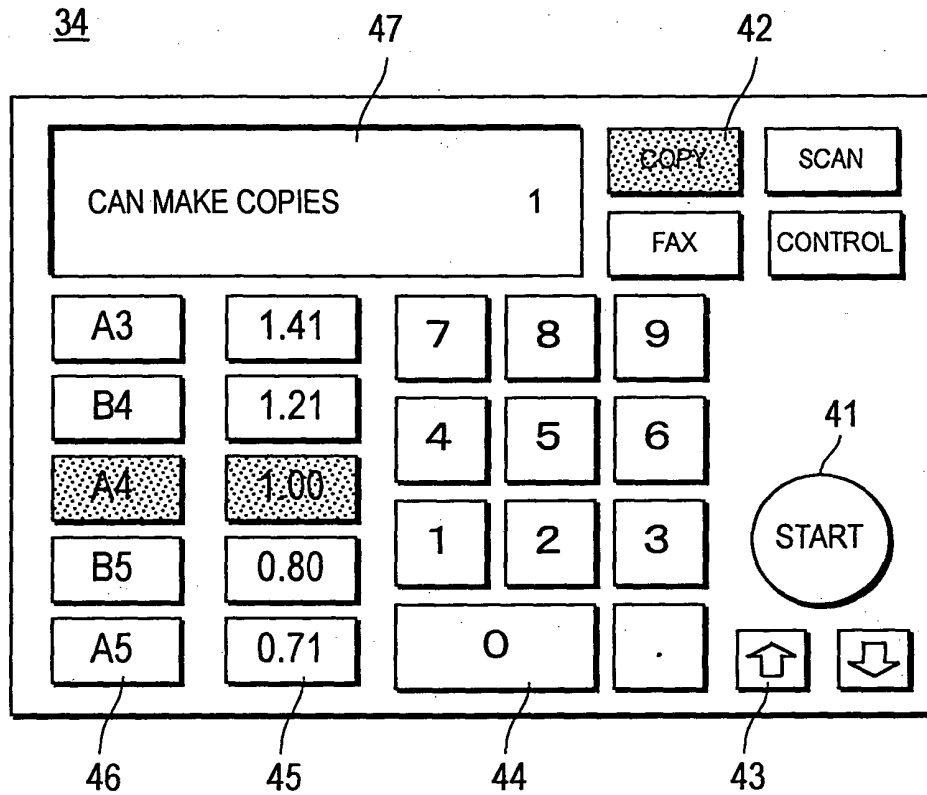


FIG. 12 24

SCREEN MODE: COPY MODE								
KEY IMAGE GROUP	KEY IMAGE CLASSIFICATION	CONSTITUTIONAL KEY IMAGE	KEY IMAGE DATA	SIZE	STATUS	ATTRIBUTE		
START KEY	VARIABLE SIZE KEY	START	A ₁	200%	POSITION (X _{mA1} , Y _{mA1}) (X _{nA1} , Y _{nA1})	VARIABLE SIZE, VARIABLE POSITION		
MODE SWITCHING KEY	BASIC KEY	COPY	D ₁	100%	(X _{mD1} , Y _{mD1}) (X _{nD1} , Y _{nD1})	FIXED SIZE, FIXED POSITION		
		FAX	D ₂		(X _{mD2} , Y _{mD2}) (X _{nD2} , Y _{nD2})			
		SCAN	D ₃		(X _{mD3} , Y _{mD3}) (X _{nD3} , Y _{nD3})			
		CONTROL	D ₄		(X _{mD4} , Y _{mD4}) (X _{nD4} , Y _{nD4})			
SIZE MODIFICATION KEY	BASIC KEY	↑	C ₁	100%	(X _{mC1} , Y _{mC1}) (X _{nC1} , Y _{nC1})	FIXED SIZE, VARIABLE POSITION		
		↓	C ₂		(X _{mC2} , Y _{mC2}) (X _{nC2} , Y _{nC2})			
TEN KEY	BASIC KEY	1	B ₁	100%	(X _{mB1} , Y _{mB1}) (X _{nB1} , Y _{nB1})	FIXED SIZE, VARIABLE POSITION		
		:	:		:			
		0	B ₁₀		(X _{mB10} , Y _{mB10}) (X _{nB10} , Y _{nB10})			
		.	B ₁₁		(X _{mB11} , Y _{mB11}) (X _{nB11} , Y _{nB11})			
MAGNIFICATION KEY	APPLICATION KEY	1.41	F ₁	NO DISPLAY	NO DISPLAY	FIXED SIZE, VARIABLE POSITION		
		1.21	F ₂					
		1.00	F ₃					
		0.80	F ₄					
		0.71	F ₅					
		1.41 - 0.71 SCROLL	F ₆				100%	(X _{mE6} , Y _{mE6}) (X _{nE6} , Y _{nE6})
		A3	E ₁					
PAPER SIZE KEY	APPLICATION KEY	B4	E ₂	NO DISPLAY	NO DISPLAY	FIXED SIZE, VARIABLE POSITION		
		A4	E ₃					
		B5	E ₄					
		A5	E ₅					
		A2 - A5 SCROLL	E ₆				100%	(X _{mE6} , Y _{mE6}) (X _{nE6} , Y _{nE6})
MESSAGE DISPLAY AREA	-	-	G ₁	100%	(X _{mG1} , Y _{mG1}) (X _{nG1} , Y _{nG1})	FIXED SIZE, FIXED POSITION		

FIG. 13

